

19980320.qrp v01\_n035.qrs.980320

Date: Fri, 20 Mar 1998 19:03:08 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 1035

QRP-L Digest 1035

Topics covered in this issue include:

- 1) [6424] Re: [Fwd: Code practice Oscillator]  
by "Frank A. West" <ke6vbm@earthlink.net>
- 2) [6425] Re: more supermorse for chuck  
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 3) [6426] Re: [Fwd: Code practice Oscillator]  
by "Ron Smith" <resmith@primenet.com>
- 4) [6427] Awash in information  
by FrConrad <FrConrad@aol.com>
- 5) [6428] Re: [Fwd: Code Practice Oscillator]  
by "William B. Keane" <bkeane@mail1.nai.net>
- 6) [6429] Re: [Fwd: Code practice Oscillator]  
by "Tim, KD5CKP" <PROG922@worldnet.att.net>
- 7) [6430] FS: Wilderness Sierra QRP CW Transceiver  
by Dave Redfearn <n4elm@ipass.net>
- 8) [6431] Re: Making dead lines, Dilbert in real life  
by Jess Gypin <jessqrp@concentric.net>
- 9) [6432] WTB: QRP Xtals  
by k7sz@juno.com
- 10) [6433] Congrats to AA1MY and the rest of the CT Hams  
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 11) [6434] fox  
by af852@rgfn.epcc.edu (William R Colbert)
- 12) [6435] Help...HW-9 Dial/clutch problem  
by Dennis Terribile <wr4i@mindspring.com>
- 13) [6436] No Fox...Rats!!  
by Roger Hightower <n7kt@earthlink.net>
- 14) [6437] Wilderness Sierra - SOLD!  
by Dave Redfearn <n4elm@ipass.net>
- 15) [6438] Re: No Fox...Rats!!  
by "Jim Francoeur KC1FB" <jim\_kc1fb@pipeline.com>
- 16) [6439] Building the SLR (Shielded Loop Receiver Kit)  
by Jade Account <jadepro@jadeprod.com>
- 17) [6440] Heatsinks for 38 Special yet?  
by David Feldman <dgif@netcom.com>
- 18) [6441] Re: FOX: Tomorrow night!  
by Chuck Carpenter <w5usj@webwide.net>
- 19) [6442] Re: [Fwd: Code practice Oscillator]

- by "Frank A. West" <ke6vhm@earthlink.net>
- 20) [6443] Re: Rig advice needed  
by N9DD <N9DD@aol.com>
- 21) [6444] Re: Caps in Sierra Band Modules  
by Dave Fifield <fifield@pacbell.net>
- 22) [6445] FOX  
by kb0rol@juno.com (Bradley L Mugleston)
- 23) [6446] SIERRA CAPS  
by alan dawkins <alk0frp@earthlink.net>
- 24) [6447] 16-Bit Sound Card Found  
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 25) [6448] FOX... RATS... OR WAS IT THE CLAM SAUCE?  
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 26) [6449] DK3 update/change  
by Chris Cartwright <ccart@dns.vidtel.com>
- 27) [6450] CPO Schematic (Not QRP)  
by wpc@west.net (John L. Roblin / Whiterook Products Co.)
- 28) [6451] Re: FOX... RATS... OR WAS IT THE CLAM SAUCE?  
by Chris Cartwright <ccart@dns.vidtel.com>
- 29) [6452] Russian beacons, was: FOX... RATS... OR WAS IT THE CLAM SAUCE?  
by Michael Maiorana <mikemo@ibm.net>
- 30) [6453] Re: Russian beacons, was: FOX... RATS... OR WAS IT THE CLAM SAUCE?  
by Chris Cartwright <ccart@dns.vidtel.com>
- 31) [6454] New question: can you compress a Yagi?  
by "David B. Whipple" <busmana@xmission.com>
- 32) [6455] FOR SALE: HW9 CW QRP Transceiver w/ps  
by "Dick Schneider" <rschneid@ix.netcom.com>
- 33) [6456] FOR SALE: Ten Tec Argonaut 505 W/ps  
by "Dick Schneider" <rschneid@ix.netcom.com>
- 34) [6457] Re: The Balanced Ham  
by "\"W. Kimura\"." <w.kimura@valley.net>
- 35) [6458] The Last Fox Hunt  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 36) [6459] Re: Hotel ops...  
by Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
- 37) [6460] 49'er rev B???  
by Ronald\_A\_Pfeiffer@res.raytheon.com
- 38) [6461] Message for SM4RKS  
by Larry East <w1hue@amsat.org>
- 39) [6462] RE: Sometimes it does take a Rocket scientist  
by Paul Erickson <paul1@wizard.ucsfu.ca>
- 40) [6463] 1998 Ft. Tuthill {Flagstaff, Arizona} Hamfest - QRP Camp out ??  
by wa5whn@juno.com
- 41) [6464] Re: 1998 Ft. Tuthill {Flagstaff, Arizona} Hamfest - QRP Camp out ??  
by Roger Hightower <n7kt@earthlink.net>
- 42) [6465] Rainbow Tuners shipping again!  
by "Heron, George" <G.Heron@dialogic.com>
- 43) [6466] Junk or Jewels?

- by "Tim, KD5CKP" <Prog922@worldnet.att.net>
- 44) [6467] Sierra Band Module Mods  
by Rick McNelly <72507.235@compuserve.com>
- 45) [6468] Sierra Caps -- Back to the Beginning  
by "Bob Follett" <bfollett@ditell.com>
- 46) [6469] Sub arctic Fox - qsls  
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 47) [6470] Re: 1998 Ft. Tuthill {Flagstaff, Arizona} Hamfest - QRP Camp  
out ??  
by wa5whn@juno.com
- 48) [6471] Simple Receivers, Cheap Rigs, & Far Circuits (long)  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 49) [6472]  
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
- 50) [6473] CQC Swap List  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 51) [6474] Re: Simple Receivers, Cheap Rigs, & Far Circuits (long)  
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
- 52) [6475] Selling stuff on the web?  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 53) [6476] Re: Simple Receivers, Cheap Rigs, & Far Circuits (long)  
by LYN WILLIAMS <designserv@ipass.net>
- 54) [6477] Bold and adventurous new persons who come asking  
by "Tim, KD5CKP" <Prog922@worldnet.att.net>
- 55) [6478] Sierra Pwr mod  
by marion@montana.com
- 56) [6479] for those that wear boots...  
by kd4zkw <kd4zkw@amsat.org>
- 57) [6480] Re: for those that wear boots...  
by Ed Loranger <we6w@qsl.net>
- 58) [6481] Littlefield rigs can be had (a postcript)  
by PDouglas12 <PDouglas12@aol.com>
- 59) [6482] OHR100A review  
by "V.C. Angell" <angell@northernnet.com>
- 60) [6483] Any Interest in a WORKING 38S??  
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 61) [6484] FOX: N0GLM fox log  
by "Buck, Preston D" <BuckPD@corning.com>
- 62) [6485] QRP TTF  
by Bruce Grubbs <bog@flagstaff.az.us>
- 63) [6486] Mobile paddles?  
by Bruce Grubbs <bog@flagstaff.az.us>
- 64) [6487] 10 Meters is open, looks gud fer weekend  
by gregoire@endor.com
- 65) [6488] The perfect RX?  
by Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
-

Date: Thu, 19 Mar 1998 08:34:38 -0800  
From: "Frank A. West" <ke6vhm@earthlink.net>  
To: <busmana@xmission.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [6424] Re: [Fwd: Code practice Oscillator]  
Message-ID: <199803200005.QAA05556@denmark.it.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

The Tech Bench Elmer web page. Just search the name.  
Let me know if you can't find it.  
72 de KE6VHM

-----  
> From: David Whipple <busmana@xmission.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: [Fwd: Code practice Oscillator]  
> Date: Wednesday, March 18, 1998 12:28 PM  
>  
>  
>

-----  
Date: Thu, 19 Mar 1998 16:27:17 +0000  
From: Chuck and Michele Snyder <csnyder@nextdim.com>  
To: MelEvansGM6JAG@compuserve.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [6425] Re: more supermorse for chuck  
Message-ID: <35114764.B8863CDD@nextdim.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks for the comments Mel. I will check the speaker wire again to make sure the turbo and speaker aren't connected in wrong. At the moment, I am using NuMorse on the pentium machine until I get that oscillator circuit connected. I forgot I am going to Sandpoint, Idaho for a spring-fling this weekend. My wife has spring-break and it will be time to take a break from everything...including ham radio--DARN :-(.

Have a good week to all.

--

Chuck Snyder (No\_Call\_Sign\_Yet) <== I hate waiting for my Call Sign!  
<http://www.nextdim.com/users/csnyder/index.htm>

QRP-L #1462  
Spokane, WA

Mel Evans wrote:

> Hi again Chuck,  
>  
> Re Supermorse, if you load it onto your hard disc and then make a working  
> copy onto 3.5 diskette, it will run from that also, but again the speeds  
> may not be accurate as per their nominal speeds, you need to do a bit of  
> guessing as to whether it is actually 8 wpm as you've set, but this does  
> enable you to take it with you and run it in a DOS window or as a DOS  
> program almost anywhere where you have access to a PC.  
>  
> The program almost invariably runs slow if you try to use it in this way,  
> but then you find you're copying at much "faster" speeds, just don't get to  
> believing it too much!  
>  
> Another prog that does well is Numorse, if you prefer a windoze prog. This  
> also runs on the internal speaker, and has a virtual keyboard on screen,  
> you use your mouse to move and click onto the letters/numbers as they come  
> up.  
>  
> 72 and 73 de Mel  
> GM6JAG  
> Edinburgh, Scotland UK.  
> Home of the last HW9  
>  
> G-QRP 1283 EA-QRP 88 ARRL and the likes  
>  
> Area Chairman, British Caravanner's Club, Scotland.

-----  
Date: Thu, 19 Mar 1998 17:33:58 -0700  
From: "Ron Smith" <resmith@primenet.com>  
To: <ke6vhm@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [6426] Re: [Fwd: Code practice Oscillator]  
Message-ID: <003101bd5397\$e3bb1e20\$1622a5ce@primenet.com.primenet.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Did a search for "Tech Bench Elmer" and found about 472961 documents that matched. Which one are you talking about?

72

Ron Smith  
Amateur Radio Callsign: KD7VD  
Boise, Idaho - Grid DN15VN  
E-mail: resmith@primenet.com  
Ham Home Page: <http://www.qsl.net/~kd7vd>  
ARCI #9580.....NorCal#?????.....QRP-L #1291  
AK-QRP #352...AR-QRP #220...ARS #347  
HI-ARP #34

-----  
Date: Thu, 19 Mar 1998 19:51:01 EST  
From: FrConrad <FrConrad@aol.com>  
To: qrp-l@Lehigh.EDU  
Subject: [6427] Awash in information  
Message-ID: <94af93a9.3511bd77@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Thanks all.

I got two ways of getting the QRP-L number, and I got my number twice.

#1501

That's gotta sound great in CW

John+

-----  
Date: Thu, 19 Mar 1998 20:13:02 -0500 (EST)  
From: "William B. Keane" <bkeane@mail1.nai.net>

To: busman@xmission.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [6428] Re: [Fwd: Code Practice Oscillator]  
Message-ID: <1.5.4.16.19980319201519.312facb6@pop1.nai.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dave and group,

I built a CPO many years ago using a piezo buzzer; it works great.

Parts: 1 - PC piezo RS 273-065 2.99  
2 - 1/8" phone jacks (open frame open circuit) RS 274-251 3/2.49  
1 - 35mm film can with a hole in the bottom to let the noise out.

Wire the whole thing in series so that the tip ends of the jacks and + end of the buzzer are lined up so that when power is plugged in (+ to tip) to one jack and the key is plugged into the other jack it buzzes.

Power may be applied from a wall wart or what I do is use a nine volt snap connector with a two battery holder RS 270-382 1.29 or a 9 volt battery.

The sound is adequate with three volts and bothersome to the XYL and dog at nine volts.

"NOW YOU'RE TALKING" has a 555 oscillator with a printed circuit.

72, Bill

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-----|-----|
William B. Keane | QRP-NE 318 QRP-ARCI 9009 QRP-L 497 |
N1NIK CT | NOR-CAL 1008 CARA ARRL |
-----|-----|
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Date: Thu, 19 Mar 1998 19:16:02 -0600  
From: "Tim, KD5CKP" <PROG922@worldnet.att.net>  
To: ke6vhm@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [6429] Re: [Fwd: Code practice Oscillator]  
Message-ID: <3511C352.67D9@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I did a search on the full statement 'Tech Bench Elmer' and I couldn't find a link. I found 1 listing for a presentation by the same name "John Wendt, WA6BFH The Tech Bench Elmer's Philosophy-Open Q&A Session"

Frank A. West wrote:

>  
> The Tech Bench Elmer web page. Just search the name.  
> Let me know if you can't find it.  
> 72 de KE6VHM  
>  
> -----  
> > From: David Whipple <busmana@xmission.com>  
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> > Subject: [Fwd: Code practice Oscillator]  
> > Date: Wednesday, March 18, 1998 12:28 PM  
> >  
> >  
> >

-----  
Date: Thu, 19 Mar 1998 20:20:38 -0500  
From: Dave Redfearn <n4elm@ipass.net>  
To: qrp-l@Lehigh.EDU  
Subject: [6430] FS: Wilderness Sierra QRP CW Transceiver  
Message-ID: <3511C466.24D7991A@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For Sale:

Wilderness Radio Sierra  
ABX, RIT, Rf gain  
with options - KC2, BuzzNot, Custom front panel

Band modules - 80, 40, 30, 20, 17, 15 (unbuilt), 24 (unbuilt).

Rig is well built, everything works, case and covers in excellent shape.  
Original kits cost over \$500.00.

Asking \$400.00 OBO + shipping.  
Can build the last two band modules if needed.

73 - Dave.



=====  
Email: n4elm@NOJUNKipass.net (Remove NOJUNK to reply)

-----  
Date: Thu, 19 Mar 1998 19:51:13 -0700  
From: Jess Gypin <jessqrp@concentric.net>  
To: we6w@qsl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [6431] Re: Making dead lines, Dilbert in real life  
Message-ID: <3511D9A0.3BDB824C@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I worked for a company that had a tape drive in a box about 2X2X2 and a price of \$10,000. Could hardly sell it. then they stuck it in a box that was 8X2X6 and 90 % air. They sold like hot cakes!

Jess

Ed Loranger wrote:

> Wow. I'm proud to be amidst the ranks of people like you, Bob.  
>  
> One last story I must share:  
>  
> Picture a BIG rack of equipment with \$20,000 dollar special board  
> set in it and 8 modems in custom enclosure Plus UPS power.  
> Add one server and 4 client UNIX machines and a high-speed scanner.  
>  
> A real nice Fax/Scan OCR\* Hardware/Software set-up.  
>  
> OK. Sell for \$250,000!  
>  
> Now I package two 4-channel fax boards with shared interrupts,  
> add properly cooled Hardware OCR boardset, and small UPS and package  
> all in a small file-server cabinet/chassis. One box, just add scanner.  
>  
> Worked great! Small footprint.  
>  
> Thumbs down by marketing: "For this kind of money, the customer  
> wants 'lots of Things' -- a big rack justifies the capital outlay."  
> OK, I'm stupid.  
>  
> No wonder the company folded. Oh, stupid me puts all these  
> accomplishments

> on his resume. "Overqualified", they said. I didn't even get  
> interviews.  
> 8-1/2 months unemployed! (Back in 1994)  
>  
> Where's the Alka-seltzer (Reg.)!  
>  
> That's it, I can't talk abt it anymore.  
> -Ed (Deleted)  
>  
> \*OCR: Optical Character Recognition  
> --  
> 72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
> <http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp> Personal Home page

<http://qsl.net/N0TFI> Fox Audio Page

-----  
Date: Thu, 19 Mar 1998 21:47:52 EST  
From: k7sz@juno.com  
To: qrp@qth.net, qrp-l@Lehigh.EDU  
Subject: [6432] WTB: QRP Xtals  
Message-ID: <19980320.035335.10967.15.k7sz@juno.com>

Does anyone have a xtal for 7040 kc in a HC-25/U holder? These use to be sold by the G-QRP-C at one time. If memory serves, they were also used in the Two-Fer transceiver project for ARCI.

Private e-mail only, please.

73 rich K7SZ

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You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]  
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Date: Fri, 20 Mar 1998 03:11:46 +0000  
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>  
To: qrp-1@Lehigh.EDU, cara-list@twc-inc.com, HO\_BETSEY@commnet.edu  
Subject: [6433] Congrats to AA1MY and the rest of the CT Hams  
Message-ID: <19980320031144.AAA22830@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Thanks for the kind words, Joe, and I hope other hams can benefit from our experience. Our method was to approach the Bethel CT Planning and Zoning Commission as "friends of the court" rather than as a combative bunch of loonies with yet another conspiracy theory. As such, we were equipped with references including PRB-1 and various articles re successful efforts in other communities.

The first meeting revealed that the P&Z folks really did want to protect the interests of us townies against what could be fairly perceived as an invasion of commercail towers on every hill and knoll in the area. They had little or no awareness of AMATEUR RADIO as a community asset -or the differences between the commercial eyesores and the typ. ham installation. After a couple of us (members of the local A.R.A. provided verbal enlightenment, and based on our appraisal of the intent and spirit of P&Z I proposed that the ordinance include a blanket exclusion for amateur radio installations. Straight and simple. After a month or so of due consideration P&Z agreed and the exclusion was indeed provided, along with provisions for local emergency installations, which, (inadvertently) would also have been outlawed!

I'm proud of, and grateful to, the group who contributed to the effort that produced the win-win result for the town of Bethel and it's hams. I was left with a renewed faith in our form of government -when given a fair chance to work in a congenial atmosphere. 73 =s=

////////////////////////////////////

>Howdy Folks,  
>  
>Congrats to our own Fox Seab (AA1MY) and the rest of  
>the Bethel, CT hams who got a full exclusion for ham  
>tower installations when an ordinance governing tower  
>installations was passed.  
>  
>All that and being chased by all us Hounds... Someone

>had a busy season. Sounds like someone's planning on  
>getting a tower up for next year. ;-)  
>  
>(April '98 QST, p.16)  
>  
>Cheers de AB7TT,  
>  
>-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)  
>  
>"Every man dies. Not every man really lives." -- Braveheart  
>  
>  
Seab Lyon, AA1MY, Bethel, CT, USA  
FN-31-HJ; ARRL; QCWA; ACRI#9253;  
QRP-L#574; NEQRP#511; Pres., C.A.R.A.:  
<http://www.danbury.org/org/cara/>

-----  
Date: Thu, 19 Mar 1998 20:13:35 -0700 (MST)  
From: af852@rgfn.epcc.edu (William R Colbert)  
To: qrp-l@Lehigh.EDU  
Subject: [6434] fox  
Message-ID: <199803200313.UAA12630@rgfn.epcc.edu>

Just wanted to say what a GREAT JOB, MIKE in fending off the many,  
many hunters. I heard some poor soul start to call near the frequency  
during a quiet period, and then dissolve away when the activity started  
again. WOW!! What a crowd. Thanks for the contact Mike  
and when last listened, NQ7K was still 599 into El Paso.

What fun.

73 all

Ray###

--  
Ray Colbert, W5XE  
00TC 3618, SOWP 1064M  
El Paso, Tx (Far West Texas)  
(also: v31xe@dzdn.com)

-----  
Date: Thu, 19 Mar 1998 22:29:01 -0500

From: Dennis Terribile <wr4i@mindspring.com>  
To: qrp-1@Lehigh.EDU  
Subject: [6435] Help...HW-9 Dial/clutch problem  
Message-ID: <3.0.4.32.19980319222901.006967bc@mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi,  
I just acquired my first HW-9/WARC. Unfortunately, the rig is not in the best of shape, but the price was right, so "I got what I paid for".

I've never owned one (had the 7 and 8) and not sure what's going on with the dial. Thank goodness, no dial-cords like my Ten-Tec's to fool with, but the thing is slipping. I suspect its some kind of clutch/vernier drive, but before I go digging into something that I'm not sure of, thought I'd toss it to this great group of QRP'ers to see if there's an eassssssy fix. :)

Thanks!

72,

Dennis/WR4i

Ivy,VA

-----  
Date: Thu, 19 Mar 1998 20:59:38 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [6436] No Fox...Rats!!  
Message-ID: <3511873A.B3A5D2BB@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Last Fox of the year, and I couldn't snare him. Just too close, I guess, or not far enough away. He only had abt an S-3 sig here (15 Mi. E. of him), but there were sure a lot of hunters out.

It was a great season, anyway. Thanks to all the Foxes for all the fun. Next year will be better.

--

72/73, de Roger, N7KT

-----  
Date: Thu, 19 Mar 1998 21:52:03 -0500  
From: Dave Redfearn <n4elm@ipass.net>  
To: qrp-1@Lehigh.EDU

Subject: [6437] Wilderness Sierra - SOLD!  
Message-ID: <3511D9D3.4FA4C610@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The Sierra is spoken for.  
Thanks for the response.

73 - Dave.

=====  
Email: n4elm@NOJUNKipass.net (Remove NOJUNK to reply)

-----  
Date: Thu, 19 Mar 1998 23:14:53 -0500  
From: "Jim Francoeur KC1FB" <jim\_kc1fb@pipeline.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [6438] Re: No Fox...Rats!!  
Message-ID: <199803200415.XAA11987@camel7.mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Me too, but I was far away...CT....and I could hear him maybe 339 at best, but too many QRO stations calling CQ near his frequency. Tried four rigs, all my filters and two antennas, but just couldn't pull it off. Oh well, New England hunters should look for turkeys, not foxes.....now there's an idea.....a turkey hunt!

72/73

Jim KC1FB

-----  
> From: Roger Hightower <n7kt@earthlink.net>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: No Fox...Rats!!  
> Date: Thursday, March 19, 1998 3:59 PM  
>  
> Last Fox of the year, and I couldn't snare him. Just too close, I  
> guess, or not far enough away. He only had abt an S-3 sig here (15 Mi.  
> E. of him), but there were sure a lot of hunters out.  
>  
> It was a great season, anyway. Thanks to all the Foxes for all the  
> fun. Next year will be better.  
> --  
> 72/73, de Roger, N7KT

-----  
Date: Thu, 19 Mar 98 23:13:15 PST  
From: Jade Account <jadepro@jadeprod.com>  
To: qrp-1@Lehigh.EDU  
Subject: [6439] Building the SLR (Shielded Loop Receiver Kit)  
Message-ID: <Chameleon.980319232205.jadepro@jadepro.jadeprod.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave wrote a question about the SLR kit:

> Has anyone built the shielded loop receiver shown in the Apr. issue of  
> worldradio mag page 47? I sent for the kit .  
> The article mentions a contact with Ed Loranger WE6W while Richard Fisher  
> NU6SN was evaluating this little rcvr. A QRP to QRP contact at that.  
> Thanks to Ed for being there and giving some publicity to QRP.

I guess I can say I've built a few Dave, since Jane (KA1FUN) and I did the kit, the board is my design, the circuit design is Dan's (N1BYT). We've put a lot of effort into the documentation, let me know how it goes.

On our WEB page we've included a few updates to the manuals and some software for the kit. All of the updates should be in any kits shipping at this time.

We'll be at the QRP event in Dayton, be sure to stop by and say hello. We'll have a few working models there as well.

We'll also have a new product we'll be introducing at Dayton.

72'

Dennis, K1YPP

-----  
Stop and see us at Booth 304 in DAYTON!!!

Jane Blanchard, KA1FUN, President -- Dennis Blanchard, K1YPP, Chief Engineer

|           |                                                      |
|-----------|------------------------------------------------------|
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US Mail: Jade Products, Inc  
PO Box 368

East Hampstead, NH 03826-0368

See our Web Page: <http://www.jadeprod.com/>

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Date: Thu, 19 Mar 1998 20:19:22 -0800 (PST)  
From: David Feldman <dgf@netcom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [6440] Heatsinks for 38 Special yet?  
Message-ID: <199803200419.UAA11357@netcom4.netcom.com>

Anyone receive their heatsink(s) for the 38 special kit, from  
san luis machine co., or an idea when?

73 Dave WB0GAZ dgf@netcom.com

-----

Date: Thu, 19 Mar 1998 22:22:51 -0600  
From: Chuck Carpenter <w5usj@webwide.net>  
To: "Michael Connor" <mikec@primenet.com>  
Cc: "QRP List" <qrp-1@Lehigh.EDU>  
Subject: [6441] Re: FOX: Tomorrow night!  
Message-ID: <3.0.1.32.19980319222251.006961c8@mail.webwide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Mike,

Thanks for that last one for the season

<Last chance to bag a FOX till next fall; hope to  
<work you all...:->

Didn't get in until late and the band seemed to be going out. Then you  
bounced back real strong. I tail ended your previous contact and the  
connection was made. I was running my TS-430 at about 1 Watt into an HF9V  
vertical.

Thanks again and looking forward to the next FOX season.

72/73 -- Chuck, W5USJ, EM22cv



Rains County, Eagle Capitol of Texas  
ARCI # 5422, QRP-L # 1306, FISTS # 3984

-----  
Date: Thu, 19 Mar 1998 20:59:17 -0800  
From: "Frank A. West" <ke6vhm@earthlink.net>  
To: "Ron Smith" <resmith@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [6442] Re: [Fwd: Code practice Oscillator]  
Message-ID: <199803200451.UAA16029@italy.it.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Sorry Ron - Never knew there were so many. Here is the URL for the Osc projects.

<http://www.geocities.com/SiliconValley/2775/mcwintro.html>

Have Fun

72 de Frank

> From: Ron Smith <resmith@primenet.com>  
> To: ke6vhm@earthlink.net; Low Power Amateur Radio Discussion  
<qrp-1@Lehigh.EDU>  
> Subject: Re: [Fwd: Code practice Oscillator]  
> Date: Thursday, March 19, 1998 4:33 PM  
>  
> Did a search for "Tech Bench Elmer" and found about 472961 documents that  
> matched. Which one are you talking about?  
>  
> 72  
>  
> Ron Smith

-----  
Date: Thu, 19 Mar 1998 23:52:48 EST  
From: N9DD <N9DD@aol.com>  
To: QRP-L@Lehigh.EDU  
Subject: [6443] Re: Rig advice needed  
Message-ID: <17116e1f.3511f622@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Hi Gang,

A couple weeks ago I shared the sad tale of the passing of my Kenwood TS-520 - a rig which I had used the last 22 years. At that time I asked for suggestions on a suitable used rig in the \$600 range that would serve as a replacement and an upgrade. I was looking for a used rig with WARC bands, 160 Meters, QSK CW, General Coverage Receive, computer control, etc.

The response from my friends here on QRP-L was amazing. Within 15 minutes I had a half-dozen replies. By noon the next day, I had received at least a couple dozen more Emails offering condolences and a lot of suggestions for suitable replacements. Many of the replies went into great detail with listings of known problems on rigs, comparisons of filtering, sensitivity, etc. Quite a few of you told me that my '520 was probably salvagable - a new transformer, a few caps or diodes, and the rig might perk back to life.

Although I may get the rig fixed at some point in the future, I pretty much decided that I needed to update my station a bit and get some of the features that I had really been yearning for lately.

Of the possible replacements I asked about in my post, the ICOM IC-735 had the most positive responses. In fact, the 3rd reply I got to my request offered my an IC-735 that was available for sale. It was a deal I couldn't resist and I am buying that rig and hope to be on the air with it next week. I can't wait!

I want to send a big THANK YOU to everyone who replied with suggestions, rig reviews, condolences, etc. I tried to reply to everyone, but I'm sure I missed a couple. In the middle of all this, the C drive in my home computer went out (it was a bad week for electronic things around here :-)). If you didn't get a reply, I apologize, but want everyone to know that I appreciate every reply I received. This is a great bunch and I'm proud to be part of it.

Thanks again and 73!

Tom N9DD  
South Bend, IN  
N9DD@aol.com  
<http://members.aol.com/n9dd>

-----  
Date: Thu, 19 Mar 1998 20:56:43 -0800  
From: Dave Fifield <fifield@pacbell.net>  
To: QRP List <qrp-l@Lehigh.EDU>  
Subject: [6444] Re: Caps in Sierra Band Modules  
Message-ID: <3511F70B.4DD0@pacbell.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

People of Earth,

I replaced the NPO caps (BTW, NPO stands for Negative Positive Zero - it refers to the capacitor's temperature coefficient, i.e. it doesn't change value with temp....these are good in VFOs and the like ..... someone did ask, right?)...

Where was I? Oh yes, I replaced the NPO caps in the transmit output filters of the Sierra band modules that were giving low power output (less than 1W) with silver mica ones. It made no difference whatsoever to the power output. My conclusion is that the caps that QRP Bob ships (these days - it may not have always been the case...) with the band modules are fine and not too lossy at all. The problem lies elsewhere. I say, don't waste your money on SM caps just yet, give some of the other things a go first...

I tried changing the value of the input resistor on the J310 FET from 5.11K to 10K. Result: unstable with oscillation in the output stages at upper HF/VHF frequencies - highly undesirable.

Tried lower values, but found 5.11K was the lowest value where the transmitter remained quiet - I guess Wayne did this test too, so that's where the "exact" value of 5.11K came from(?)

Lastly, I tried squishing up the turns and opening them out on the output filter inductors. This had a BIG effect. I found that they needed to have a less inductance for much more output, so I rewound them with new wire and new cores with a couple of turns less. This proved to be a vast improvement. Can't remember the exact numbers, but now I have 1.5 Watts min. on all bands. I read of this mod somewhere in QRPP magazine (Norcal). YMMV ;-)

Oh yes, and cleaning the gold edge connectors with a soft pencil eraser made a bit of difference too - give it a try if your gold looks a bit dim or dirty. Mine seemed to have some flux or some other film on them.

I'm going to give the output transformer mod a go. Let you know how I get on. Also, I'm going to see about using an IRF510 in the output stage instead....

72, Dave Fifield, AD6AY

-----  
Date: Thu, 19 Mar 1998 23:56:04 EST  
From: kb0rol@juno.com (Bradley L Mugleston)  
To: qrp-l@Lehigh.EDU  
Subject: [6445] FOX  
Message-ID: <19980318.212308.10327.1.kb0rol@juno.com>

Wow, I can still do it. I haven't been on the air since December (work is just getting in the way of life) and I was reminded today that today was the last FOX.

I came home tonight and announced that I wanted to try for the FOX. My family agreed. So, 15 minutes later I realized what time it was. I ran upstairs and turned on my Explorer II. Tuned around for a few minutes - didn't think I would still recognize SOS if I heard it but then I heard the buzz so familiar to a bunch of hounds after a fox. I cut down the band width and tuned in. Then the buzz died and I heard parts of the exchange. It took awhile but I was able to copy the exchange over completely a few times and then sent my call. It took a few shots then KB0ROL came back to me.

I was able to copy everything and sent, with shaky fist, my information. Mike came back and I knew I'd done it.

I've been luck enough to catch (or be caught) by all but one fox I've gone after.

Chuck, thanks for the great year of FOX hunting. Maybe next year I'll be able to play some more.

de KB0ROL, Brad  
retired (Upgraded) Novice/Tech+ Fox of 1996-97

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 19 Mar 1998 23:17:02 -0700  
From: alan dawkins <alk0frp@earthlink.net>  
To: QRP-L@Lehigh.EDU  
Subject: [6446] SIERRA CAPS  
Message-ID: <35120993.3015@earthlink.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

GANG

Dans has caps for .40 each costs \$4.00 per order  
no credit cards and if in Canada or outside US forget it.  
\$4.00 is 10 caps ????

Circuit Specialists is .34 x1 .29 x10 .22 x100 low values up to 150pf  
.52 x 1 .44 x10 .33 x100 for values to 390pf  
upt o .80 x1 for values up to 910 pf

Most values are higher cost than Dans but take credit cards but don't  
say how much shipping/handling is, but can't be much for a pack of caps.

So that old word "DEPENDS" on what your ordering, besides the caps and  
if you can wait for snail mail to get to MT with your Money order or use  
a credit card and call circuit Specialists.

Mouser is much higher than either Dan's or CS.

I don't think much could be saved on a group buy unless Circuit  
Specialists would make up a package deal for all band 160-10 caps (on  
their web site says this may be possible).

Just make out your wish list and flip a coin send the Check/Mo/MC/Visa  
Via phone /email/snail mail and put that stuff on the air.

My next project is a surface mount VFO for my soon to be surface mount  
ONER and 40m conversion of my KnightSmite. Also going to the other  
extreme and building (2) tube xmtr's (those glow-in-the-dark) rigs.  
WOW 300 volt plate voltage verses surface mount, you gotta love it.

Al K0FRP Still Sleeping in Seattle Monday thru Thursdays nights

-----  
Date: Thu, 19 Mar 1998 22:21:38 +0000  
From: Chuck and Michele Snyder <csnyder@nextdim.com>  
To: QRP <qrp-1@Lehigh.EDU>  
Subject: [6447] 16-Bit Sound Card Found  
Message-ID: <35119A72.6DC53941@nextdim.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi All,

(73s)

-----

Please check me out on this... i thought i heard him right on top of the "P" & "C" beacons... i mean almost zero beat. No crowd of hounds, either. Was that the case or did i put too much sherry in the clam sauce (again)? 72 =s=

[illegible]

```
>Date: Thu, 19 Mar 1998 20:59:38 +0000
>Reply-To: n7kt@earthlink.net
>Sender: owner-qrp-l@Lehigh.EDU
>From: Roger Hightower <n7kt@earthlink.net>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: No Fox...Rats!!
>X-To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
```

>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN  
>  
>Last Fox of the year, and I couldn't snare him. Just too close, I  
>guess, or not far enough away. He only had abt an S-3 sig here (15 Mi.  
>E. of him), but there were sure a lot of hunters out.  
>  
>It was a great season, anyway. Thanks to all the Foxes for all the  
>fun. Next year will be better.  
>--  
>72/73, de Roger, N7KT  
>  
Seab Lyon, AA1MY, Bethel, CT, USA  
FN-31-HJ; ARRL; QCWA; ACRI#9253;  
QRP-L#574; NEQRP#511; Pres., C.A.R.A.:  
<http://www.danbury.org/org/cara/>

-----  
Date: Fri, 20 Mar 1998 08:44:05 -0500 (EST)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [6449] DK3 update/change  
Message-ID: <Pine.LNX.3.93.980320082750.429C-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I wanted to let everyone know, that as right now the DK3 group buy is closed. I'm sorry to have to do this, but since I haven't received a new request in the last day and a half, interest seems to have slowed. I've had correspondence from W6AAQ and it seems we have over-taxed his manufacturing capabilities. The confirmed orders are at 52 with another 10 "maybes". I'll be updating everyone who wrote me, with specifics, later today, and I'm sure some of that will filter back to the list. The big change is the time table, but it is a BIG change. Thanks for the understanding, I'm still new at this group buy thing. 72 es tn timer.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | <http://dns.vidtel.com/~ccart> --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

-----

Date: Fri, 20 Mar 1998 04:45:29 -0500  
From: wpc@west.net (John L. Roblin / Whiterook Products Co.)  
To: qrp-1@Lehigh.EDU  
Subject: [6450] CPO Schematic (Not QRP)  
Message-ID: <v01530500b137e9c83ac6@[205.254.241.218]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

HI!

I have seen a several postings regarding a Code Practice Oscillator schematic. The schematic for our Model 0-2 Code Buddy is on our site.

Go to:

<http://www.west.net/~wpc/o-2schematic.html>

72, -John WA6KY0

John Roblin WA6KY0  
Whiterook Products Company  
"Mini-Keys and Other Cool Things!"  
<http://www.west.net/~wpc/>

-----  
Date: Fri, 20 Mar 1998 08:52:25 -0500 (EST)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-1@Lehigh.EDU>  
Subject: [6451] Re: FOX... RATS... OR WAS IT THE CLAM SAUCE?  
Message-ID: <Pine.LNX.3.93.980320084433.429D-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Mar 1998, SEAB&SHARON LYON wrote:

> of the "P" & "C" beacons... i mean almost zero beat. No crowd of

Nah, it wasn't the alcohol:) Here in MD I heard him weaving in, around and under, both the P and C beacons. As I'd get on nulled, the other would fade in. Null that one, and... You get the idea. I did get one shot off but it went high into the weeds. Had a great season this year, 9 pelts, but I was hoping to break into the double digits.

With a little luck I'll get the final Fox State Standings out this



weekend. Work has been a 20 hour a day thing lately, and the group buy uses up the other 5 hours :) Have to go in and have a tooth pulled this afternoon so I'm liable to be a little grumpy over the weekend. 72 all

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

-----  
Date: Fri, 20 Mar 1998 08:40:34 -0500  
From: Michael Maiorana <mikemo@ibm.net>  
To: ccart@dns.vidtel.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [6452] Russian beacons, was: FOX... RATS... OR WAS IT THE CLAM SAUCE?  
Message-ID: <351271D2.130C@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Chris Cartwright wrote:

>  
> On Fri, 20 Mar 1998, SEAB&SHARON LYON wrote:  
>  
> > of the "P" & "C" beacons... i mean almost zero beat. No crowd of  
>  
> Nah, it wasn't the alcohol:) Here in MD I heard him weaving in, around  
> and under, both the P and C beacons.

I've got a question for the collective "guru" known as QRP-L. I live in West central Florida. I've had a 40 meter dipole up since last september. Here in Florida I have NEVER heard ANY of the Russian beacons.

While on vacation in northern New York last December I brought my MFJ9040 and threw a dipole up in the trees. EVERY morning I could hear the beacons, C, P, S and sometimes O.

So whats up with this? The dipole was a little higher in New York. I guess I was 1200 miles closer. Are the beacons easy to hear in Florida? Thanks!

--

72 de kf4trd  
Mike Maiorana  
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries  
and all knowledge, and if I have all faith, so as to remove  
mountains, but have not love, I am nothing"

-----  
Date: Fri, 20 Mar 1998 10:03:43 -0500 (EST)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [6453] Re: Russian beacons, was: FOX... RATS... OR WAS IT THE CLAM SAUCE?  
Message-ID: <Pine.LNX.3.93.980320100228.617A-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Mar 1998, Michael Maiorana wrote:

> september. Here in Florida I have NEVER heard ANY of the Russian beacons.

Ummm... Bermuda Triangle? :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | <http://dns.vidtel.com/~ccart> --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

-----  
Date: Fri, 20 Mar 1998 07:04:26 -0700  
From: "David B. Whipple" <busmana@xmission.com>  
To: qrp-l@Lehigh.EDU  
Subject: [6454] New question: can you compress a Yagi?  
Message-ID: <3512776A.D1906B70@xmission.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I would like to thank everybody for the many postings on locations of  
schematics for a CPO. I have visited radio shack and will be building  
one this weekend. I have another question-

I am wondering if there is any way of shortening the elements of a yagi  
antenna. I know that for 80 meters the driven element should be about  
 $x/2 = 472/3.7 = 127$  feet for a 1/2 wave antenna. Could an 1/8 or 1/16  
wave be used (about 32 or 16 feet)? Along the same lines, could I use  
127 feet of antenna wire and coil it around some PVC pipe or something?  
I know that all of this would degrade my performance, but I live in an

apartment and would like to be able to make something portable for camping. I have the ARRL antenna book on order and will consult that to, so if there are pictures/instructions for similar antennas in there, just let me know and I'll find it.

I don't know how much good a KnightSMiTe will do me for fox hunts from Utah, but maybe when I get everything going I'll talk to some of you on the air.

Thanks again.

David Whipple  
KC7MJR

-----  
Date: Fri, 20 Mar 1998 07:25:43 -0600  
From: "Dick Schneider" <rschneid@ix.netcom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [6455] FOR SALE: HW9 CW QRP Transceiver w/ps  
Message-ID: <199803201431.IAA08710@dfw-ix14.ix.netcom.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

FOR SALE: HW9 CW QRP Transceiver w/ps

HW9 CW Transceiver w/PSA9 matching power supply \$375  
-3-5 Watts output  
-80-10 Meters, including all WARC bands  
-Excellent condition. No modifications.

Prices include shipping to CONUS

Email replies to rschneid@ix.netcom.com  
72/73 Dick AB0CD..

-----  
Date: Fri, 20 Mar 1998 07:25:43 -0600  
From: "Dick Schneider" <rschneid@ix.netcom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [6456] FOR SALE: Ten Tec Argonaut 505 W/ps  
Message-ID: <199803201431.IAA08713@dfw-ix14.ix.netcom.com>  
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

FOR SALE: Ten Tec Argonaut 505 QRP CW/SSB Transceiver & Accessories

TenTec Argonaut 505 CW/SSB Transceiver \$250  
-3-5 Watts output. 80-10 Meters. No WARC.  
-Realigned and refurbished recently by Ten Tec  
-Excellent condition. No modifications.

TenTec 251 power supply w/TenTec 207 ammeter - \$100

Prices include shipping to CONUS

Email replies to rschneid@ix.netcom.com  
72/73 Dick AB0CD..

-----  
Date: Fri, 20 Mar 1998 09:34:10 -0500  
From: "\"W. Kimura\"." <w.kimura@valley.net>  
To: qrp-l@Lehigh.EDU  
Subject: [6457] Re: The Balanced Ham  
Message-ID: <199803201434.JAA09680@kayak001>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Perhaps it refers to not falling off the chair in the early a.m. while  
chasing greyline prop.  
Or the exclusive use of ladder line feeders.

73, Kim Kimura N1MVU

At 11:08 PM 3/16/98 -0500, you wrote:

>I just have to ask this...

>

>Does being a balanced ham mean you should spend part of your operating time  
>at 5 watts and part at 500 watts?

>

>AN inquiring mind wants to know...

>

>73

>

>

>

-----  
Date: Fri, 20 Mar 1998 08:50:24 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@Lehigh.EDU>  
Cc: Mike Gipe <mgipe@reliablemeters.com>  
Subject: [6458] The Last Fox Hunt  
Message-ID: <Pine.SOL.3.91.980320082930.11689A@GPFN1.GPFN.SK.CA>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...picture this...Bonnie almost walked by the ham shack when something caused her to about-turn and peer in...Bruce was sitting there in an almost dark room...'ol 430S sat there without a single indicator light glowing...the WM-2 was without motion...no fan running, no yellow, green, red leds on from the computer...she stepped into the shack sensing a deep concern...

"Honey, what's the matter?..."

Bruce's face swung upward slowly and as he looked at Bonnie, a single tear traced it's irregular shiny path down his cheek...

"It's over honey.....the party's over...so soon, so suddenly.....the party's over.....(sniff)..."

Putting her arms around Bruce and drawing him in, Bonnie said...."Don't think of it that way...think of the memories...the foxii you got somewhere between the start and finish of the two hours, the ones that almost got away but you managed to squeek through in the last minute or two, the ones you snagged right at the start....sure some got away but remember the ones you fought for through the qrm, the qsb and the qrn...a 559 signal was rare...and some you weren't sure you bagged until you saw the fox log the next day and there you were; in the log!...the nights you listened for two hours and heard no hunt at all...the ones you tuned the band for but could only hear the hunters; and then suddenly the fox popped up and "Bang", another pelt...think of all the fine people you've met and think of all the fine people you will be meeting as the hunt goes on...think of all you've learned..."

"Yes dear you're right...it really was a great season...pileups of fun!... and I learned so much....I also learned that there's more to be learned...my hunting techniques, copying code better, antennas, kits to build...and maybe one of these years we'll be able to attend the Four Days in May!...think of all the eyeballs!..."

"That's right and there's one more thought you should have...."

"What that?..."

"It's now one day less to the new fox hunt season!..."

Suddenly the ham shack seemed to light up...it wasn't from any incandescent light being turned on...it was from the 360 degree smile on Bruce's face as he contemplated the real meaning of QRP-L...

"Yes.....QRP IS!.....YES,YES,YES!!"

72 - the Scribe

-----  
Date: Fri, 20 Mar 1998 07:28:29 +0000  
From: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>  
To: nsksousen@scientech.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [6459] Re: Hotel ops...  
Message-ID: <+TzRCAAdqhE1Ewbj@g3ycc.prestel.co.uk>  
MIME-Version: 1.0

In message <v04003a00010e03eebc42@[10.10.24.61]>, Niel Skousen <nsksousen@scientech.com> writes  
>My best hotel operations have been w/ wire out the window  
I would agree with that. During my stay in VK we went to various lodges etc and often just for one night. I used a 33 ft end fed with a 17 ft counterpoise and a small homebrew L-match/SWR (they can be made very small). It worked well with the wire just a few feet up. Supports vary of course and I often found there was only a small tree maybe 15 ft high. Even this worked well, several thousand miles per watt using the QRP Plus's CW. Best DX was VK5 to GM, say 12,000 miles. See my web page for more details.

A good antenna with no ATU or earth required is the end fed 1/2 wave described on my web page - single bander but can be modded to 2 bands etc (web page again).

Hope this is of use to the group.

--

Frank G3YCC GQRP 042 (email g3ycc@g3ycc.prestel.co.uk)  
QRP Web Page: <http://www.homeusers.prestel.co.uk/g3ycc/>  
Packet: G3YCC@GB7HUL

-----  
Date: Fri, 20 Mar 1998 09:58:25 -0500  
From: Ronald\_A\_Pfeiffer@res.raytheon.com  
To: qrp-l@Lehigh.EDU  
Subject: [6460] 49'er rev B???

Message-ID: <852565CD.0051B1DA.00@ressud-as01.res.ray.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I've always been interested in the 49'er since I got on qrp-1. Although I seemed to have missed its heyday! I have just received 2 pc cards from FAR for the 49'er and they are marked rev B.

I've checked the knightlites web page and there are no references to rev B. I have also checked the NORCAL web pages and found little explanation as to what rev B is.

I really need to know what changes in the parts list, if any...etc.

Don't clog qrp-1 but request responses directly to me.

Tnx in advance - Ron N1ZSW

-----  
Date: Fri, 20 Mar 1998 08:38:55 -0700  
From: Larry East <w1hue@amsat.org>  
To: qrp-1@Lehigh.EDU  
Subject: [6461] Message for SM4RKS  
Message-ID: <3.0.3.32.19980320083855.00988bc0@eloi>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Please send me your email address!

73, Larry  
w1hue@amsat.org

-----  
Date: Fri, 20 Mar 98 7:44:59 PST  
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>  
To: qrp-1@Lehigh.EDU (qrp)  
Subject: [6462] RE: Sometimes it does take a Rocket scientist  
Message-ID: <9803201545.AA09478@wizard.ucs.sfu.ca>

The humor impaired, can delete now.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

> True story.  
> Sometimes it DOES take a rocket scientist.....  
> Scientists at NASA have developed a gun built specifically to launch  
> dead chickens at the windshields of airliners, military jets and the  
> space shuttle, all traveling at maximum velocity.  
  
> The idea is to simulate the frequent incidents of collisions with  
> airborne fowl to test the strength of the windshields.  
  
> British engineers heard about the gun and were eager to test it on the  
> windshields of their new high speed trains.  
  
> Arrangements were made. But when the gun was fired, the engineers stood  
> shocked as the chicken hurled out of the barrel, crashed into the  
> shatterproof windshield and smashed it to smithereens, crashed through  
> the control console, snapped the engineer's backrest in two and embedded  
> itself in the back wall of the cabin.  
  
> Horrified, Britons sent NASA the disastrous results of the experiment,  
> along with the designs of the windshield, and begged the US scientists  
> for suggestions.  
  
> NASA's response was just one sentence: "Thaw the chicken."  
> >  
>

-----  
Date: Fri, 20 Mar 1998 08:49:40 -0700  
From: wa5whn@juno.com  
To: qrp-1@Lehigh.EDU  
Cc: n7kt@earthlink.net, w5bi@flash.net  
Subject: [6463] 1998 Ft. Tuthill {Flagstaff, Arizona} Hamfest - QRP Camp out ??  
Message-ID: <19980320.084943.2814.0.wa5whn@juno.com>

For planning purposes only.

This year's Ft. Tuthill Hamfest is scheduled for July 24 -26. If that is incorrect, one of the Arizona crowd can correct me. If that is true, are there any plans to camp out at last year's location amongst the pine trees ? {Last Year's camp site was Latitude: 35 degrees 08.423 minutes north, Longitude: 111 degrees 41.775 degrees west or head west on exit 337 {Airport Road} over highway 89 on to the Fairgrounds, from Interstate



17, south of Flagstaff, all the way around to the far west side, past the general store, to the camping area in the forest.}.

72,...Jay, WA5WHN DM65qd

Albuquerque, NM USA

PS At T minus 35 days until the NorCal QRPTTF '98 "Run for the Borders" funtastic event, and counting. Wahoo !! Can't wait...

---

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Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Fri, 20 Mar 1998 09:12:05 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: wa5whn@juno.com  
Cc: qrp-1@Lehigh.EDU, w5bi@flash.net  
Subject: [6464] Re: 1998 Ft. Tuthill {Flagstaff, Arizona} Hamfest - QRP Camp out ??  
Message-ID: <351232E5.51DBDA92@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yup, the dates are right. The sQRPions are running it, but the campground is reserved as it was last year.

I'm not sure who is in charge of what, but Mike, NQ7K is coordinating the cookout, I'm doing the cowboy beans again, and I think Bob KI7MN is the contact. You might check his page out:  
<http://www.dancris.com/~ki7mn>

--

72/73, de Roger, N7KT

-----  
Date: Fri, 20 Mar 1998 11:22:58 -0500  
From: "Heron, George" <G.Heron@dialogic.com>  
To: QRP-L <qrp-l@Lehigh.EDU>, njqrp@njqrp.org  
Subject: [6465] Rainbow Tuners shipping again!  
Message-ID: <DC98876F9BBBD111A5F900A02461FF1313F262@mailnj.dialogic.com>  
MIME-Version: 1.0  
Content-Type: text/plain

I'm pleased to announce that the Rainbow Tuner kits are once again shipping! A bunch of kits had been on backorder for some time due to some parts shortages from the suppliers, but all is received now and all backordered kits are now in the mail.

And in fact, if you are one of those who had been waiting for delivery of your Rainbow Tuner, you can expect an extra little surprise in your package when received as soon as Saturday or Monday.

And to repeat, Doug Hauff's "Rainbow Tuner Enclosure" is now able to be ordered!!!! For description, pictures and ordering information see the NJ-QRP website at: [http://www.njqrp.org/Rainbow/rb\\_enclosure.html](http://www.njqrp.org/Rainbow/rb_enclosure.html)

72,

--George Heron, N2APB  
for the NJ-QRP Club <http://www.njqrp.org>  
g.heron@dialogic.com in Sparta, NJ

-----  
Date: Fri, 20 Mar 1998 10:26:20 -0600  
From: "Tim, KD5CKP" <Prog922@worldnet.att.net>  
To: qrp-l@Lehigh.EDU, homebrew@qth.net, vse-l@Lehigh.EDU  
Subject: [6466] Junk or Jewels?  
Message-ID: <351298AC.243D@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This message is kind of bordering on the subject matter of each of these list so please accept my appologies and delete this message, but any assistance is appreciated.

I was wondering if anyone out there is familiar with IBM 390 mainframe equipment. I am trying to find an IBM parts cross reference. I have a bunch of IBM equipment at my disposal. there are loads of PCBs, breadboards, components, ICs, fans, connectors, switches, relays, etc.. all ranging from 5VDC to 220VAC, but alot of the components are of little use since they have only IBM numbers on them. I have been told that there is a Xref for IBM on the web somewhere, but I have had no luck finding it and I have not been able to contact the individual that told me this.

Any comments, suggestions, or information you can offer will be greatly appreciated.

-----  
Date: Fri, 20 Mar 1998 11:22:34 -0500  
From: Rick McNelly <72507.235@compuserve.com>  
To: qrp-1@Lehigh.EDU, marion@montana.com  
Subject: [6467] Sierra Band Module Mods  
Message-ID: <199803201127\_MC2-3775-BB4A@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Hi Roy,

can you be more specific on how to replace the RF choke feeding the collector of the final with a 4 to 1 transformer?

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

MP2.1K

-----  
Date: Fri, 20 Mar 1998 09:40:35 -0700

From: "Bob Follett" <bfollett@ditell.com>  
To: "QRP-L Group" <qrp-l@Lehigh.EDU>  
Subject: [6468] Sierra Caps -- Back to the Beginning  
Message-ID: <01bd541e\$e7f9c5e0\$e336b3cf@newmicronpc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang:

It has been over a year since my article on increasing Sierra power output was published in QRPp -- You do subscribe, don't you?

This Module cap thing is getting out of hand! I conducted over 40 tests on Sierra power with some guidance from Wayne, and reported that the S.M. modifications made a minimal difference -- mostly on the lower bands where large capacitance values are required.

If you are intent on replacing the original caps, be forewarned that on 80 & 40M, the values are high enough where a "normal voltage value" of 300V won't fit on the module. So -- the dilemma is this: where a less lossy cap is needed the most, the values and resultant size are the largest.

I personally think you would do just as well to replace the small caps with larger voltage ones, even in ceramic. I believe Dave Benson has also made some remarks about all of this in the past, and Paul Harden has also commented on usage of various capacitor types. Don't get hung up on silver mics! (Which aren't manufactured anymore -- but thats another story)

NOW THE GOOD STUFF:

As Dave Fifield noted in his post today, reworking the Xmit. Pi filters on the modules made a BIG difference in power output.

Why is this? Wayne designed the Sierra to produce 2W, average, output. That was his design parameter. When we muck around to increase power, we changed his design.

Dave Meacham, in QRPp Sept. 95. stated the problem well. " Output filters are designed for a specific termination, usually 50ohms....the proper resistive component of the load should approximate the collector-voltage squared, divided by two times the power."

So...when we crank up the voltage, or increase the power output, the resistance changes....and it goes lower. One way to deal with this mis-match is to reduce turns on L5 & L6 to find the best impedance for a proper load to the final. The results, as both Fifield and I have stated,

can be dramatic. The original work on this mismatch was noted by others in early 1995 and served as the starting point for my own tweaking experiments.

Is this the best solution? No, probably not. But its the solution I originally reported. Wayne has always stated the proper solution is a matching transformer which replaces the rf choke feeding the final collector. I had already modified all my modules for maximum power output for "my components and voltage choice", and didn't want to start over from scratch -- so I didn't go back and pursue it, but others have.

If you have not played with module output filter tweaking, then a much less time consuming option is the 4:1 matching transformer. Roy, AB7CE, published the results of his modification yesterday, and reported 5W on the lower bands, 4W on 30 and 20M, and 3W on 15 and 10M. (With a final change to an SK9618).

Vic Turner, on Jan 19th, posted a full explanation of building the step up transformer. "I simply removed the collector choke and substituted 10 bifilar turns wound on a T50-43 ferrite core. This will step the 14.4 collector z up to near 50 ohms! Also note that he had made other mods. to ensure adequate drive. His solution was driver replacement with a 2N5109. Other variations have been previously posted. If someone needs more details, I am sure he would be happy to reply. His address is: victnr@juno.com.

On last word. If you made modifications, and still feel you are not getting "proper" power output, re-adjust BOTH the XMIT BPF and PMO BPF trimmer caps on each module for max. power out. Are you getting two peaks on the trimmers? If not, the combination of component is too far out of spec, and you have more work to do....

73, Bob

-----  
Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

-----  
Date: Fri, 20 Mar 98 8:51:13 PST  
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>  
To: qrp-l@Lehigh.EDU (qrp)  
Subject: [6469] Sub arctic Fox - qsls  
Message-ID: <9803201651.AA11200@wizard.ucs.sfu.ca>

Hi Everyone,

I've been having mail trouble. Could those who have sent cards please email me if you have not received one from me.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

-----  
Date: Fri, 20 Mar 1998 10:17:49 -0700  
From: wa5whn@juno.com  
To: qrp-1@Lehigh.EDU  
Cc: w5bi@flash.net  
Subject: [6470] Re: 1998 Ft. Tuthill {Flagstaff, Arizona} Hamfest - QRP Camp out ??  
Message-ID: <19980320.101837.2718.1.wa5whn@juno.com>

>From KI7MN, thanks Bob & N7KT, Roger, & NQ7K, Mike & NF3I, Scott.

{from KI7MN}  
Yep, same place, same time, same fine folks :^)

----- End forwarded message -----

{from N7KT}  
Yup, the dates are right. The sQRPions are running it, but the campground is reserved as it was last year.

I'm not sure who is in charge of what, but Mike, NQ7K is coordinating the cookout, I'm doing the cowboy beans again, and I think Bob KI7MN is the contact. You might check his page out:  
<http://www.dancris.com/~ki7mn>

--  
72/73, de Roger, N7KT

{from NQ7K}

Jay,

That sounds right, I'll double check or someone else will respond.

Yikes! Almost forgot aboutt TTF!.....

{What ? Forget about TTF ? Mike is obviously suffering from frozen neurons during FYBO '98 ? ;-) }

{from NF3I}

That was one of the strangest experiences of my life (Tuthill 1997).

I'd do it again in a minute (and may get to!).

{See what happens when you drink cactus water, in the desert. }

muchos gracious mi Amigos...Jay, WA5WHN

DM65qd Albuquerque, NM USA

PS It's still T - minus 35 days until the NorCal QRPTTF '98 "Run for the Borders", on the air, RF Party. Do You have a site selected yet ?

-----  
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-----  
Date: Fri, 20 Mar 1998 09:44:57 -0800  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@Lehigh.EDU>  
Subject: [6471] Simple Receivers, Cheap Rigs, & Far Circuits (long)  
Message-ID: <01bd5427\$e66cf540\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I received the boards that I layed out for the Herring Aid 5 Receiver Back to the Future project from Far Circuits this week. They are excellent boards, and thanks to Fred for doing such a nice job. Noticed that someone was building a simple receiver and I went to the web site to take a look. The receiver was quoted as costing about \$20 - \$30 to build. When you get done, you have a crystal controlled receiver. I think a better way to go is to build the Herring Aid 5, NorCal Back to the Future version. You can see

the schematic on the NorCal or NJ web pages, and the boards are available from Far for \$7.50 plus \$1.50 S&H for up to 4 boards. The parts are all readily available from Mouser and Dan's or Buckeye. The cost will be about the same, but when you finish you have a direct conversion receiver that will give you 100 kHz of coverage on the 40 meter band. A much better deal. Glen Torr, VK1FB did the updating of the Herring Aid for NorCal, and his article will be in the next issue of QRPP and QQ.

When I ordered the Tuna Tin 2 and the Herring Aid 5 boards from FAR, Fred mentioned that he received numerous requests for the 49er, which we did as a kit a couple of years ago. He asked permission to sell the board and I gave it to him, as I did the artwork. There was a question on the list about Rev. A & B. The only difference was in the amount of ground plane. The parts did not change. If you are interested in building a 49er, check with FAR Circuits for the board. He is now authorized by NorCal to sell the boards. NorCal does not receive any type of royalty, we have given the full rights of the board to Fred, as we want to keep him in business, we need him.

I also see postings from the newbies about the cheap rigs and what to get. Guys, you have to understand something. The \$25 rigs that are available, the Pixie, Pixie 2, Foxx, Tixie, Smite, 49er etc. are all "fun" little rigs that are capable of making a contact, but I certainly would not depend on them for a full time station rig. For that, I believe you will be much happier with one of the better kits sold by the various companies, the NorCal 40A, the OHR100A, SWL Green Mountain and SWL series, the ARK 40, the Emtech rigs, the GQ40 sold by Kanga, etc. All of these radios are in the \$60 to \$150 range.

The purpose of the "cheaper" kits and rigs was to let a guy get his feet wet, see if he could build a working radio, without investing a lot of money. The Smite kit currently offered by the Knightlites is a perfect example. The reason that it was kitted was to give guys the exposure to surface mounted construction techniques. It is a marvelous success. Many, many of the people on this list had never ever built anything at all when they first came aboard. They got their start with 49ers, 38 Specials, Pixie's, etc. then they moved up to the bigger and better kits, armed with confidence that they could succeed. This was by design. George Dobbs and I both agree that we love the simple little circuits that we publish. Why? Because so many get the opportunity to learn and build them because of the cheap cost. Once you have built one of the little radios. you have the tools to build a bigger and better kit. That is not to say that you have to go this route, but it is a way to test the waters.

But I must also say that a \$25 radio cannot be expected to compete with a \$1500 power stroked, full bored, holly carbed, cam stroked, thig-a-ma-jig rig from one of the major manufacturers. It just won't happen. But you will learn how to solder, how to wind a toroid, what a capacitor is, how to



tell the polarity of an electrolytic, the pin out of a transistor and an IC, how to zero beat a signal, the resistor color code, what a trim cap is, how to follow a schematic, and probably how to cuss. All for the price of a nice dinner.

When you finish building the \$25 kit you can make a contact with it. It does work. What a thrill it is to make a qso with a homebrew rig. It doesn't get any better. But, please be realistic with your expectations.

Having said that, what rig do I recommend that you buy? I think that all of the guys in the market today manufacture wonderful kits. Emtech, Kanga, Wilderness, OHR, S&S Engineering, SWL all have great products. Soon HB Electronics will be in the mix with their 44 Magnum. I have seen the schematics and the improvements that they have made, and I am confident that this will be a rig that ranks with the rest of the above. It really doesn't matter which one you choose. All of the companies that I have mentioned are "good people", which is an old Kansas compliment of the highest order.

Have a good weekend and 72, Doug, KI6DS

-----  
Date: Fri, 20 Mar 1998 11:55:37 -0600  
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>  
To: kd4zkw@amsat.org  
Cc: QRP-L list <QRP-L@Lehigh.EDU>  
Message-ID: <351A2DFAE256D111883A0060B06B16624CDB2D@s-il02-j.comm.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Curtis:

Been watching the saga of your search for the "nearly perfect" rig :-)

One more consideration to muddy the waters. I believe you can never have enough selectivity. Still others prefer wider filters to keep a sense of what is going on around them.

If you do use a sharp filter as a search criterion, remember it also increases the receiver stability requirement, and requires a dial/tuning mechanism that tunes more slowly.

A filter with a wide/narrow switch or control would be best, as you would have a search capability, with the backup of narrow filtering when you need it.

Just more food for thought.

73, Bob N6WG

-----  
Date: Fri, 20 Mar 1998 11:03:32 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@Lehigh.EDU, cqc@mtechnologies.com  
Subject: [6473] CQC Swap List  
Message-ID: <199803201805.LAA16348@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Colorado QRP Club

CQC Swap List

03/20/98

New Sale     3  
New Want    1  
Deletions   1

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Use the BACK button to return to the CQC Home Page. To add, delete, or change an item on the list, use your BACK button to return to the previous page and complete the on-line submission form.

If you received this listing via e-mail, send changes, submissions, deletions, and subscription requests to [cqcswap@mtechnologies.com](mailto:cqcswap@mtechnologies.com).

We are always looking for NEW listings of QRP Radios and equipment. Listings will be deleted automatically after two months, but you can ask for an extension or re-submit

them after deletion. Please notify us promptly when an item has been sold or obtained.

You do not need to be a member of CQC in order to list items, but if you are a member then your listing may be printed in Low Down. Please do not list items which are not at least tenuously QRP-related!

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Grant Taylor, k7gt CQC:

4531 Sandalwood Dr

Pleasanton, CA 94588

E-mail address: [k7gt@qsl.net](mailto:k7gt@qsl.net)

Home Phone:                      (925) 846-8703

Business Phone:                (925) 422-1572

03/20/98

FOR SALE/SWAP

I have a mint condition Index Labs QRP Plus 10 thru 160 Meters with built in keyer. Price is 400.00 or will consider trade for unbuilt QRP kits. MFJ 284B DSP Filter 75.00. Kenwood TS440S \$550.00.

Mike, N9NTC CQC:

5212 Ridge Road

Mcfarland, WI 53558

E-mail address: [MBLAKE4958@AOL.COM](mailto:MBLAKE4958@AOL.COM)

Home Phone: 608-838-3681  
Business Phone: 608-224-0918  
Fax Phone: 608-224-1034  
03/20/98

FOR SALE/SWAP

These rigs are S&S Engineering  
I have a TAC-1(80) Built , in brand new condition, with  
box and manual - no keyer... \$165.00 Also have an ARK20,  
with keyer and filter will sell for \$200.00  
For Sale: Timewave DSP-9 Good condition works good on CW  
and has nice notch filter - \$60.00  
Would trade for Analog Argosy or other QRP related  
equipment. Would like help with shipping.  
Kelly Ellison, WB0WQS CQC:  
20870 Lawrence 2210  
Aurora, MO 65605

E-mail address: kelman@dialnet.net  
Home Phone: (417) 678-0154  
Business Phone: (417) 678-0416  
Fax Phone: (417) 678-4111  
03/09/98

Well, we said listings need to be QRP related, but I guess  
we didn't actually say QRP RADIO, so here's a QRP computer--  
FOR SALE/SWAP

Commodore 64 with owner's manual and programmer's  
reference guide \$40  
James Powell, WA5VOR CQC:  
1416 Terrace Road  
Cleveland, MS 38732  
E-mail address: jmpowell@dsu.deltast.edu  
Home Phone: 601 846 7643  
Business Phone: 601 846 4340  
02/28/98

FOR SALE/SWAP

Heath IM 525B Distortion Analyzer  
Heath HD 1250 Dip Meter  
James Powell, WA5VOR CQC:  
1416 Terrace Road  
Cleveland, MS 38732  
E-mail address: jmpowell@dsu.deltast.edu  
Home Phone: 601-846-7643  
Business Phone: 601-846-4340  
03/09/98

FOR SALE/SWAP

For Sale: Yaesu FT-747 GX with Mic & manuals. General Coverage Receiver, 0-100 W output. Excellent cosmetic and operating condition. Good beginners rig. \$450.

Steve Smith, KB0SZF CQC: 175

E-mail address: ssmith9831@aol.com

Home Phone: 303-688-1515

Business Phone: 303-741-7335

02/25/98

I have two emtech's QRP one NW40 and one NW30 both were Built by Roy Gregson they are in excellent condition I have digital frequency read out for each radio . I would like to sell I paid 160 for the nw30 and 50 for the read out and I paid 150 for the NW40 and 40 for the read out any one interested My E-MAIL address is I'll take 300.00 for all

Charles

My E-MAIL address is

WD4NAK@JUNO.com

02/25/98

For Sale:

\*\*Small Wonder Labs SWL-40 40 m CW transceiver. 1 1/2 watt out , low battery consumption. Very small size. VFO about 38 kc, QSK. Covers low end of 40m. \$65

\*\*OHR Explorer II - 20meters. Get ready for 20m DX! 20m CW transceiver. RIT, QSK, VFO (70kc coverage). 2+ watts

out. A hot receiver. The OHR Explorers, like the Sierra, Green Mountains, and the OHR 100A have very good receivers. They will hear things the QRO rigs won't. \$90

\*\*MFJ-9020 and 9017. \$95 (or \$115 with the MFJ internal keyer)

All from Jim Pope-KG0PP EJim@aol.com

or: P.O.Box 31575; Aurora,CO; 80041-0575

02/25/98

FOR SALE/SWAP

Tektronix Oscilloscope 465M 100Mhz \$275 or trade for QRP rig of equal value. Will ship insured. Phone (502) 496-4203 Email

l158138@exchange.appl.ge.com Ask for Mike.

Michael Brown, KU4GE CQC: no

160 ST Christopher RD

Payneville, KY 40157

E-mail address: l158138@exchange.appl.ge.com

Home Phone: (502) 4964203  
02/25/98

FOR SALE: Ten Tec Argonaut 505 CW/SSB Station QRP/QRO  
Classic QRP CW/SSB station. In excellent condition. No  
modifications. Realigned and refurbished recently by Ten  
Tec. QRO (50W) option included.

3-5 Watts output 80-10 Meters - NO WARC BANDS

Includes:

Argonaut 505 CW/SSB transceiver

TT 251 matching power supply

TT 405 linear amp - 50 Watts

TT 207 matching ammeter

--

\$525 including shipping to CONUS

DICK SCHNEIDER, AB0CD CQC: 155

4464 E BAILS PLACE

DENVER, CO 80222

E-mail address: rschneid@ix.netcom.com

Home Phone: 303-758-9519

02/23/98

FOR SALE: HW9 Station  
Classis QRP CW station. In excellent condition. No  
modifications. 3-5 Watts output 80-10 Meters,  
including all WARC bands

Includes:

HW9 transceiver

HFT-9A matching tuner

HM9 matching wattmeter

PSA9 matching power supply

SP99 matching speaker

--

\$575 including shipping to CONUS

DICK SCHNEIDER, AB0CD CQC: 155

4464 E BAILS PLACE

DENVER, CO 80222

E-mail address: rschneid@ix.netcom.com

Home Phone: 303-758-9519

02/23/98

FOR SALE/SWAP

Astron RS-20A Power Supply \$70

James Powell, WA5VOR CQC:

1416 Terrace Rd.

Cleveland, MS 38732

E-mail address: jmpowell@dsu.deltast.edu

Home Phone: 601-846-7643

Business Phone: 601-846-4340  
02/16/98

FOR SALE  
QRP RIGS  
Small Wonder and Gary Breed / A&A Engineering  
rigs-- \$100 Ea. Wired & tested.  
Bill, W0MS, (303)841-7744

FOR SALE/SWAP  
I have a VERY MINT condition Drake TR7 w/MS7 speaker and  
PS7 p/s and D104 mike. Looks good next to the TS940 but  
what I really want is a ten tec argo (the one similar to  
the Ten Tec Delta). This would be an excellent trade for  
someone. I would consider other trades for qrp xcvr's.  
de Doug, KB8IDW dougbankston@juno.com 72's  
Doug Bankston, KB8IDW CQC: n/a  
105 St. Georges dr  
Stafford, VA 22554  
E-mail address: dougbankston@juno.com  
Home Phone: (540) 720-4328  
01/26/98

MFJ-9020 QRP Transceiver  
Operates 14.000 to 14.075 MHz. 4 1/2 Watts out.  
Asking \$100.00 + shipping.  
Rod Logsdon, WK9T CQC:  
E-mail address: bike4life@bikerider.com  
01/26/98

FOR SALE  
Vibroplex Brass Racer  
TenTec Triton II QRP 4W  
MFJ Versa Tunner  
e-mail jmpowell@dsu.deltast.edu  
James Powell, WA5VOR CQC:  
1416 Terrace Rd  
Cleveland, MS 38732  
E-mail address: jmpowell@dsu.deltast.edu  
Home Phone: 601-846-7643  
Business Phone: 601-846-4340  
01/26/98

FOR SALE/SWAP

QRP Rigs for sale:

Norcal Cascade; Unbuilt, still packed, 20M/80M SSB  
\$225.00 Wilderness Sierra; KC-2, Buzznot, 6Bands, Latest  
Version Like New \$475.00 OBO.

Ken Lopez, N6TZV CQC:

2820 Manhattan Ave.

La Crescenta, Ca 91214

E-mail address: kjlopez@earthlink.net

Home Phone: 818-541-0712

01/11/98

FOR SALE/SWAP

3.395 MHz crystal filter (for Heathkits??) By Seiwa  
Corp, Tokyo Model No. YF-33HCW, serial No. 045. \$40.00  
+ shipping (\$4.00 US or more out of US) Will consider  
Trade for QRP kits or other stuff.

Bill Hickox, K5BDZ CQC:

9215 Rowan Lane

Houston, TX 77036

E-mail address: k5bdz@aol.com

Home Phone: 713.772.6739

Fax Phone: 713.772.4131

01/11/98

Still have ths following QRP-related items for sale.  
Prices \*include\* manual and shipping to CONUS. Several  
QRPers are looking, but none has made a concrete order.  
PS, they would also make excellent gifts :-).

1. MFJ-418 Morse Code Tutor. Excellent condition,  
complete with manual. \$60.00.
2. MFJ-212 Matchmaker. Device uses \*sound\* to help you  
pre-tune those tiny/delicate finals without applying  
power. \$70.00.
3. MFJ-722 "Optimizer" CW/SSB/Notch Filter. \$43.00.
4. Autek QF-1 Audio Filter. \$46.00.
5. MFJ-564 Iambic Paddle. Key pads are triangular,  
red-coloured. Excellent condition. \$50.00.

Interested?--just let me know :-).

72/73,

--Doc/K0EVZ cqc 414

E-MAIL: 70511.3041@compuserve.com

01/06/98

FOR SALE/SWAP

Timewave Technology DSP-9 Audio Noise Reduction Filter.  
CW: 100/200/500 Hz bandpass, 400/500/600/750 Hz center  
freq. Voice: 1.9/2.1/2.3/2.7/3.4 kHz bandpass,



multi-notch tone filter. CW/Voice: Random noise reduction. Has latest 3.0 firmware upgrade. New condition, in original box.

Bill Flynn, AI0C CQC: 179

E-mail address: billandjudi@earthlink.net

Home Phone: 970-225-9921

Business Phone: 970-679-3790

01/06/98

I have a list of hams who will help (for small or moderate fee to free)

hams who for one reason or another (eyesight, handicap, injury, etc.) cannot build their QRP kits. I will furnish two addresses of these willing

hams, and all arrangements are made between them. Contact me at my e-mail

address and I'll do all I can. Dave Smith KE6PUF CQC#187 233 North Homassel

Avenue Lindsay CA 93247 EMAIL: QRPDave@ocsnet.net (209)562-6227

\*4/7/97

(Commercial Listing) Memory keyer kit for \$22, add-on memory kit for non-memory keyers for \$18, digital display kit for \$50, LC Meter kit, for \$90, Rainbow Kits. Logging and Morse code training software, guaranteed, CQC discount 10% on software purchases. Credit cards ok. Images and more info on web site, also on-line ordering.

Marshall Emm N1FN CQC#154

2460 S Moline Way Aurora CO 80014

(303)752-3382

WWW: <http://www.mtechnologies.com/mthome>

E-MAIL: n1fn@mtechnologies.com

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WANTED WANTED WANTED WANTED WANTED WANTED WANTED WANTED WANTED WANTED  
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Wanted: R-1004 Receiver which is part of GRC-109 set.

I have the matching transmitter (T-784) and power supply but would like to complete the set. If cash doesn't turn you on, I have a large collection of telegraph instruments. Maybe one of my dupes would interest you.

Thanks!

Derek Cohn, wb0tua CQC:

23 Topton Way #1E

Clayton, MO 63105  
E-mail address: keymaster@stlnet.com  
Home Phone: 314-725-2333  
03/20/98

wtb: ten tec corsair 2 with power supply and speaker.  
would like all filters and possibly external v.f.o.  
immediate sale for right rig.  
ALSO omni c with ps/speaker and electrec mike, want all  
filters and rig in good shape.  
saul kaplan, ks4aul (wb2hiz) CQC:  
849 ryanwood drive  
west palm beach , fl 33413-1137  
E-mail address: chefsaul@juno.com  
Home Phone: 561-683-0842  
01/26/98

WANTED

Looking for a Brown Bros. iambic paddle and straight key  
combination. Please respond via my e-mail address with  
info on condition and price. Tks es 73 de Bill  
Wm. B. Wise, K5VO CQC:  
Midland,, TX  
E-mail address: aa5tn@apex2000.net  
01/26/98

WANTED

WANTED 30 MTR QRP CW XCVR  
BUILT AND OPERATIONAL, QSL K8LEN/PAT  
VIA CALLBOOK ADR OR E MAIL BKOBIE@WEBTV.NET  
MBR NR 261 K8LEN/PAT  
01/11/98

WANTED

Index Labs, latest version of the QRP + transciever.  
Would prefer an unused, still in the box but will  
consider a slightly used one. aAny accessories that can  
be used with the QRP + will also be considered.  
Frank Stallings, KC5HKI CQC:  
205 Westover Drive  
Hartsville, SC 29550  
E-mail address: frank@stallings.com  
Home Phone: 803-383-9797  
Business Phone: 803-383-1076  
01/06/98

I would like to do some tradin'...  
Looking to trade for a  
TAC-1 40 meter rig, QRP+ or an Icom 730. If you are  
interested, let me know and I will send you more details.  
I am flexible so contact me at  
kelman@dialnet.net.  
Kelly Ellison  
Aurora, Missouri  
Kelly Ellison, WB0WQS CQC:  
Rt. 4 Box 62  
Aurora, Mo 65605  
E-mail address: kelman@dialnet.net  
01/06/98

#### WANTED

Close focus b/w or color one-chip cameras or  
small video cameras for assistance to the nearly  
blind. Application involves displaying printed text  
on a TV screen.  
Contact KD0UE, Nate Bushnell, CQC:66  
7175 S. GRANT  
LITTLETON CO 80122-1135  
Phone: 794-6956  
E-mail:nateb@ecentral.com  
12/31/97

#### ----- OTHER

#### ----- OTHER

stolen radio  
tentec agrosy 525 with my cal drivers lic. engraved on  
top so-717--  
also taken in the burglary was an icom 706 / icom 271h /  
icom 471h and a computer ibm ps/2 laptop with lots of  
stuff on the hard drive. hope someone recovers it thank  
you jerry n6ifw nor-cal  
jerry schnor, n6ifw CQC:  
E-mail address: jerrylee@cwws.net  
Home Phone: 209-478-0423  
10/30/97

END OF CQC SWAPLIST

Use your browser's functions to search for specific text or  
save a copy of this information to disk. Use the BACK button  
or click the link to return to the CQC Home Page--

<http://www.mtechnologies.com/mthome/cqcswap.htm>.

If you received this listing via e-mail, send changes, submissions, deletions, and subscription requests to [cqcswap@mtechnologies.com](mailto:cqcswap@mtechnologies.com).

###

-----  
Date: 20 Mar 1998 13:07:03 -0500  
From: Glen Leinweber <[leinwebe@mcmail.CIS.McMaster.CA](mailto:leinwebe@mcmail.CIS.McMaster.CA)>  
To: [ki6ds@dpol.k12.ca.us](mailto:ki6ds@dpol.k12.ca.us)  
Cc: qrp-1;  
Subject: [6474] Re: Simple Receivers, Cheap Rigs, & Far Circuits (long)  
Message-ID: <1998Mar20.130703-0500@[130.113.234.7]>

In <01bd5427\$e66cf540\$630a0d0a@doug.dpol.k12.ca.us>, Hendricks, Doug wrote:

>I also see postings from the newbies about the cheap rigs and what to get.  
>Guys, you have to understand something. The \$25 rigs that are available,  
>the Pixie, Pixie 2, Foxx, Tixie, Smite, 49er etc. are all "fun" little rigs  
>that are capable of making a contact, but I certainly would not depend on  
>them for a full time station rig. For that, I believe you will be much  
>happier with one of the better kits sold by the various companies, the  
>NorCal 40A, the OHR100A, SWL Green Mountain and SWL series, the ARK 40, the  
>Emtech rigs, the GQ40 sold by Kanga, etc. All of these radios are in the  
>\$60 to \$150 range.

-----  
Doug may be playing with fire by endorsing some rigs as "full-time" and others as novelties. I would like to say that his opinions are well-founded and I certainly agree with him right down the line.

For experienced Ops to play with very simple rigs is a challenge - for newbies to expect good hamming experiences from such rigs is asking too much.

Doug's post gives sound advice: he suggests some excellent QRP rigs that will give you great pleasure.  
Glen VE3DNL

-----  
Date: Fri, 20 Mar 1998 11:22:43 -0600  
From: "Marshall Emm" <[mgemm@mtechnologies.com](mailto:mgemm@mtechnologies.com)>

To: qrp-1@Lehigh.EDU, cqc@mtechnologies.com  
Subject: [6475] Selling stuff on the web?  
Message-ID: <199803201824.LAA16827@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Of interest to those of you who sell stuff via web pages (everybody else can skip this)-- I've set up a Web Ring specifically for Ham Radio and Electronics Vendors.

In case you're not familiar with the concept, a Web Ring is a group of sites with something in common, each having links that take a viewer to other sites in the ring. It's managed by [www.webring.com](http://www.webring.com) which currently lists 22 THOUSAND rings. There are several related to ham radio but some just won't allow commercial sites and others are so big we'd be lost in all the personal home pages.

It doesn't cost anything, and is a convenient way to keep surfers "in the family" once they leave your site. How can it not cost anything? Well, when a visitor asks to see the "next 5 sites" list or "list all sites," they are presented on a page by the ring server containing banner ads. If they just go forward or backwards in the ring, or select a "random" site, they don't even see those ads.

If you would be interested in participating, take a look at the Ham Radio and Electronics Suppliers (HamV) ring home page at <http://www.mtechnologies.com/hamv>.

Here's what happens if you want to join. First, complete the short form on the ring home page. You'll get an automatic acknowledgement, containing the html code you'll need to put on your page and instructions for getting the two small graphics. Once you've installed the code on your page let me know and I'll activate your ring membership.

Current ring members who are also QRP-L and/or CQC List members include LDG Electronics, Emtech, and (of course) Milestone Technologies.

If you aren't a vendor, feel free to check out the ring sites-- you can jump off from the site shown above or any of the member sites mentioned.

N1FN/VK5FN  
n1fn@mtechnologies.com  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com>  
(303)752-3382  
--

-----  
Date: Fri, 20 Mar 1998 13:17:35 -0800  
From: LYN WILLIAMS <designserv@ipass.net>  
To: ki6ds@dpol.k12.ca.us  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [6476] Re: Simple Receivers, Cheap Rigs, & Far Circuits (long)  
Message-ID: <3512DCEF.E0E9FB7E@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hendricks, Doug wrote:

> I also see postings from the newbies about the cheap rigs and what to get.  
> Guys, you have to understand something. The \$25 rigs that are available,  
> the Pixie, Pixie 2, Foxx, Tixie, Smite, 49er etc. are all "fun" little rigs  
> that are capable of making a contact, but I certainly would not depend on  
> them for a full time station rig. For that, I believe you will be much  
> happier with one of the better kits sold by the various companies, the  
> NorCal 40A, the OHR100A, SWL Green Mountain and SWL series, the ARK 40, the  
> Emtech rigs, the GQ40 sold by Kanga, etc. All of these radios are in the  
> \$60 to \$150 range.  
>  
> The purpose of the "cheaper" kits and rigs was to let a guy get his feet  
> wet, see if he could build a working radio, without investing a lot of  
> money. The Smite kit currently offered by the Knightlites is a perfect  
> example. The reason that it was kitted was to give guys the exposure to  
> surface mounted construction techniques. It is a marvelous success. Many,  
> many of the people on this list had never ever built anything at all when  
> they first came aboard. They got their start with 49ers, 38 Specials,  
> Pixie's , etc. then they moved up to the bigger and better kits, armed with  
> confidence that they could succeed. This was by design. George Dobbs and I  
> both agree that we love the simple little circuits that we publish. Why?  
> Because so many get the opportunity to learn and build them because of the  
> cheap cost. Once you have built one of the little radios. you have the  
> tools to build a bigger and better kit. That is not to say that you have to

> go this route, but it is a way to test the waters.  
>  
> But I must also say that a \$25 radio cannot be expected to compete with a  
> \$1500 power stroked, full bored, holly carbed, cam stroked, thig-a-ma-jig  
> rig from one of the major manufacturers. It just won't happen. But you  
> will learn how to solder, how to wind a toroid, what a capacitor is, how to  
> tell the polarity of an electrolytic, the pin out of a transistor and an IC,  
> how to zero beat a signal, the reistor color code, what a trim cap is, how  
> to follow a schematic, and probably how to cuss. All for the price of a  
> nice dinner.  
>  
> When you finish building the \$25 kit you can make a contact with it. It  
> does work. What a thrill it is to make a qso with a homebrew rig. It  
> doesn't get any better. But, please be realistic with your expectations.  
>  
> Having said that, what rig do I recommend that you buy? I think that all of  
> the guys in the market today manufacture wonderful kits. Emtech, Kanga,  
> Wilderness, OHR, S&S Engineering, SWL all have great products. Soon HB  
> Electronics will be in the mix with their 44 Magnum. I have seen the  
> schematics and the improvements that they have made, and I am confident that  
> this will be a rig that ranks with the rest of the above. It really doesn't  
> matter which one you choose. All of the companies that I have mentioned are  
> "good people", which is an old Kansas compliment of the highest order.  
>  
> Have a good weekend and 72, Doug, KI6DS

Thank you, Doug. I really appreciate your comments. Wonder if this  
kind of thing couldn't be written up as sort of a primer to pass along to  
the bold and adventurous new persons who come asking?

Lyn,  
W4WDN

-----  
Date: Fri, 20 Mar 1998 13:08:31 -0600  
From: "Tim, KD5CKP" <Prog922@worldnet.att.net>  
To: qrp-l@Lehigh.EDU, homebrew@qth.net  
Subject: [6477] Bold and adventurous new persons who come asking  
Message-ID: <3512BEAF.3D9F@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> Thank you, Doug. I really appreciate your comments. Wonder if this  
> kind of thing couldn't be written up as sort of a primer to pass along to

> the bold and adventurous new persons who come asking?  
>  
> Lyn,  
> W4WDN

I think that sounds great. I was thinking just yesterday that there should be somekind of place where the newbies, that would be me :), could go to find basic infomation on all the things you guys know as second nature. These list are a perfect example, but I have been a Ham since Oct. 97 and I found out about these list and QRP last week. The only thing I was aware of for HF was the more expensive rigs Icom, Kenwood, Yaesu, ect.. So when I found out about QRP I was like hey there is something I can do.

Thanks to all who have offered thier knowledge, opinions, suggestions, encouragement, etc.. you have all been very helpful.

Tim, KD5CKP  
<http://home.att.net/~prog922/Ham.htm>

-----  
Date: Fri, 20 Mar 1998 13:15:27 -0700 (MST)  
From: marion@montana.com  
To: qrp-l@Lehigh.EDU  
Subject: [6478] Sierra Pwr mod  
Message-ID: <199803202015.NAA06783@paw.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Got so many requests on this, Putting it on the list.  
Change the rf choke feeding the collector of the final(L10) to a 4 to 1 impeadance ratio transformer. I used the same core material,-43, as the original choke, but used a 0.5 instead of a .37 inch diameter core.Wind with 12 bifiliar turns of #24 wire. Form a center tap by connecting the start of one winding to the end of the other winding. Connect the tap to the finals collector. Connect one of the other ends to the 12volt line and the last lead to the input of the low pass filter. I installed in same location as old choke. One lead to C46 on top side left lead as viewed from front of rig. Center tap to hole for collector trace. Other lead to hole near C45. IMPORTANT: installing in original position as I did requires cutting the trace at C46 to collector, isolating C46 only.  
You can use a MRF237 and sink it in original position. I used a RCA SK9618, which has the emitter as the center leg and mouting tab. Since the final has emiter to ground, no insulator is needed to heat sink directly to back of cabinet with a little heat sink paste. There is a convenient ground at PCB



to solder emitter to, so only two leads are needed to go to base and collector. The MRF237 will run hot, but you can beacon with the SK9618 and maybe gets warm. I used a 500ohm pot to the rear panel, to replace the drive control as described in the Sierra manual. I notched a hole big enough for the two wires to it to run under the board. I ran the two transistor leads on top. You will need this control to back off of 6 to 7 watts on 160,80 and 40 meters, or to run at low current levels. With control peaking drive at about 90% I get 3 watts out on 10 and 15 meters and 4 watts on 20 and 30 meters. All band modules original. The SK9618 is the RCA replacement for MRF260. Also ECG342. Same specs all around, but got SK for \$4.25.  
72 Roy, AB7CE

-----  
Date: Fri, 20 Mar 1998 15:43:38 -0500 (EST)  
From: kd4zkw <kd4zkw@amsat.org>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [6479] for those that wear boots...  
Message-ID: <Pine.LNX.3.95.980320154227.368E-1000000@danial.dialisdn.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

This might be a little off topic, but then again, it might have some appeal for people who build kits.

<http://www.systems.caltech.edu/EE/Faculty/rutledge/grouppg.html>

50 bux for either 300 or 500 watts for 40 meters. Check it out.

-----  
| Curtis D. Levin kd4zkw | kd4zkw@amsat.org | QRP-L #1488 |  
| cdlevin@dialisdn.com | <http://www.diaisdnet.net/user/cdlevin> |  
| kd4zkw.ampr.org [44.98.2.22] Exp Ax25/Linux DPTNTv1.1a3 |  
| amprnet e-mail : kd4zkw@w4bkx.ampr.org |  
-----

-----  
Date: Fri, 20 Mar 1998 20:40:48 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: kd4zkw@amsat.org

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [6480] Re: for those that wear boots...  
Message-ID: <3512D44F.5EED@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I read these two articles with great zeal when they were published.

My thoughts are of a Class-E amp for a 5 Watt Rig or 2-3 Watt rig for those with smaller batteries.

The math on 91% efficiency comes out at:5.49 Watts Total Input.

or for 2 watt Rig:2.2 watts total input power.

IMAGINE THAT!

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Fri, 20 Mar 1998 15:58:25 EST  
From: PDouglas12 <PDouglas12@aol.com>  
To: qrp-l@Lehigh.EDU  
Subject: [6481] Littlefield rigs can be had (a postcript)  
Message-ID: <734485de.3512d874@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Gang,

My friend Bruce Muscolino reminds me that the MFJ series of CW monobanders are, for all practical purposes, the Littlefield QRPxx rigs. True, you can't buy a Littlefield QRP20 or other QRPxx rig in kit form anymore, but you can buy one all built for you, any day you like by calling up MFJ! Indeed, Littlefield collaborated with MFJ in the production of this rig. It is delivered in the same size (approximately, anyway) case, and of course, it works like a charm. The MFJ still retains that little relay for T/R, so it isn't QSK, but it is stable at full 5w output, unlike the Radiokit. They licked that problem. And to be honest, the MFJ version of the QRPxx is probably as functional, and its receiver is as good as most of the QRP transceivers out there except in the higher price range. So, just as birds are really modern dinosaurs, the MFJ CW rig is a modern Littlefield QRPxx.

72,

Preston Douglas WJ2V

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Date: Fri, 20 Mar 1998 14:50:15 -0500  
From: "V.C. Angell" <angell@northernnet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [6482] OHR100A review  
Message-ID: <103120601b13876c4fb71@[206.24.45.143]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I built and have been using an Oak Hills Research OHR100A 30 meter rig.  
Because I have enjoyed it, I wrote a long review of it. You can find it at  
<http://209.150.149.200/ohr100a.html>

This is my commercial web site so I used the IP address rather than the  
site name as this is not an ad.

72,  
"VC" KC0EM

V.C. Angell  
<http://www.jewelry-magick.com>  
Jewelry with a Secret

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Date: Fri, 20 Mar 1998 15:42:56 -0600  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
To: qrp-1@Lehigh.EDU  
Subject: [6483] Any Interest in a WORKING 38S??  
Message-ID: <0006B6AB.4159@ccgate.dl.nec.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part

Gang,

I have a fully built, working 38S mounted in a cookie tin. This rig has the 5w mod installed, but not the RIT. It tunes from about 10.105 to 10.120, or so.

I've made a good many contacts with it, but find myself not using it in a while.

I'd like to see someone get this and enjoy getting some fun out of it. I'd still like to get an iambic paddle to replace my MFJ paddle which broke recently. Maybe some sort of trade? Or I'd be willing to sell it, if there is any interest.

Let me know. Tnx.

73 de Dave NR3E  
nr Dallas, TX  
qrp-1 #25

-----  
Date: Fri, 20 Mar 1998 16:51:42 -0500  
From: "Buck, Preston D" <BuckPD@corning.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [6484] FOX: N0GLM fox log  
Message-ID: <6B137F61081DD0118DF600805FEAC5C5FF1FF2@SILVER.CORNING.COM>  
Content-Return: allowed  
Mime-Version: 1.0  
Content-Type: text/plain

Greetings All,

This is a quick report because propagation was against me last night.  
No contacts.

My last scheduled time as fox is Thursday 26 Mar 1900-2100 EST (27 Mar 0000-0200 UTC). I won't shift back an hour to hide in the darkness, I will play the grayline for all its worth.

Wish me luck on my exam monday night. I will be studying diligently this weekend. I am looking forward to taking the exam just so I can go back to doing other stuff in the evening, not to mention new priviledges :)

73

Preston, n0g1m, Southern NY State

My words, not my employer's

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Date: Fri, 20 Mar 1998 15:29:50 -0700  
From: Bruce Grubbs <bog@flagstaff.az.us>  
To: qrp-1@Lehigh.EDU  
Subject: [6485] QRP TTF  
Message-ID: <3.0.5.32.19980320152950.0092cc20@mail.infomagic.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Scott, K7ZEN, and I plan to operate QRP TTF '98 from the Utah-Nevada border west of Cedar City. It's possible we may be able to operate from the Utah-Nevada-Arizona point, I won't know until I scout the location early in April.

Our call will be K7ZEN and we'll be operating 80-10m as condx allow.

72

Bruce, N7CEE

packet: n7cee@n7cee.az.noam.us  
email: bog@flagstaff.az.us  
Coconino ARC  
QRP ARCI #5883  
Adventure Radio Society #344  
"Minimal Means... Maximum Fun"

-----  
Date: Fri, 20 Mar 1998 15:31:52 -0700  
From: Bruce Grubbs <bog@flagstaff.az.us>  
To: qrp-1@Lehigh.EDU  
Subject: [6486] Mobile paddles?  
Message-ID: <3.0.5.32.19980320153152.009ceb60@mail.infomagic.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Seems like I saw a paddle set up to be leg mounted for mobile operation...

Does anyone know about this? Is it a commercial product or did I just see someone's clever design?

Thanks!

72

Bruce, N7CEE

packet: n7cee@n7cee.az.noam.us

email: bog@flagstaff.az.us

Coconino ARC

QRP ARCI #5883

Adventure Radio Society #344

"Minimal Means... Maximum Fun"

-----  
Date: Fri, 20 Mar 98 17:31:41 PST

From: gregoire@endor.com

To: Low power amateur radio discussion <qrp-1@Lehigh.EDU>

Subject: [6487] 10 Meters is open, looks gud fer weekend

Message-ID: <Chameleon.980320173858.GREGOIRE@Gregoire.endor.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Gang,

LU4AA, the Beacon from Argentina is being heard at AA1IK,  
on a frequency of 28.200

(Mine), not LU4AA

LAT 43.6167 X LNG 72.0225 (decimal)

I heard all four tones, last tone transmitted was 10 mw.

A index is 3, and the Flux is 125 or so.

Conditions have not been this good for a long time.

Who knows what the sun rise will bring tomorrow.

Go get em folks.

73

de AA1IK,

Time the accursed enemy of man,  
cursed youth for going to slow

Ernie Gregoire                    and by the old for going to fast.

R.R. 1, Box 221,  
South Rd.                    Fists # 2644, ARCI # 9500  
Canaan, NH. 03741            QRP-L # 95, Fly fisher & tier,  
                              Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

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03/20/98 17:31:41

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Date: Fri, 20 Mar 1998 18:23:34 +0000  
From: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>  
To: cnse97@lmpsil02.comm.mot.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [6488] The perfect RX?  
Message-ID: <Epd\$SDAmQrE1Ew+b@g3ycc.prestel.co.uk>  
MIME-Version: 1.0

In message <351A2DFAE256D111883A0060B06B16624CDB2D@s-  
il02-j.comm.mot.com>, Tellefsen Bob-CNSE97  
<cnse97@lmpsil02.comm.mot.com> writes  
>A filter with a wide/narrow switch or control would be best, as you  
>would have a search capability, with the backup of narrow filtering when  
>you need it.  
I echo that and always tune with a 2.4khz filter and swich in extra  
filtering as needed. It is a very interesting topic though. Perhaps the  
following would be uppermost in my list:  
selectivity, sensitivity, low noise, variable gain, ditto bandwidth,  
perhaps others. Would a return to valves help I wonder?

--  
Frank G3YCC GQRP 042 (email g3ycc@g3ycc.prestel.co.uk)  
QRP Web Page: <http://www.homeusers.prestel.co.uk/g3ycc/>  
Packet: G3YCC@GB7HUL

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End of QRP-L Digest 1035

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